## In the Claims:

Claim 1. (Currently Amended) A shaped charge An apparatus for use in a wellbore extending through a subterranean formation, the apparatus comprising:

a casing for a shaped charge;

a perforating tool having a plurality of casings, each casing having a shaped charge; an explosive material disposed within the each casing having a cavity formed therein; and a liner disposed within the each cavity formed of a mixture of powdered heavy metal and powdered binder metal, the explosive material, upon detonation, operable to disintegrate the liner

heavy metal in the mixture is within a range of approximately 91.0% to 99.98% by weight.

and propel the liner into the formation, perforating the formation, wherein the percentage of

Claim 2. (Previously Presented) A shaped charge according to claim 1 wherein the heavy metal powder is chosen from the group consisting of tungsten, tantalum, gold, platinum, or any mixture thereof.

Claim 3. (Previously Presented) A shaped charge according to claim 1 wherein the heavy metal consists primarily of tungsten.

Claim 4. (Previously Presented) A shaped charge according to claim 1 wherein the percentage of heavy metal in the mixture is within a range of approximately 99.0% to 99.98% by weight.

Claim 5. (Previously Presented) A shaped charge according to claim 1 wherein the binder metal is chosen from the group consisting of copper, lead, zinc, tin, and bismuth.

Claim 6. (Previously Presented) A shaped charge according to claim 1 wherein the binder metal consists primarily of lead.

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Claim 7. (Previously Presented) A shaped charge according to claim 1 wherein the mixture further comprises approximately 0.02% to 1.0% lubricant by weight.

Claim 8. (Previously Presented) A shaped charge according to claim 7 wherein the lubricant comprises powdered graphite.

Claim 9. (Previously Presented) A shaped charge according to claim 7 wherein the lubricant comprises oil.

Claim 10. (Previously Presented) A shaped charge according to claim 1 wherein the percentage of heavy metal in the mixture is approximately 93.0%.

Claim 11. (Currently Amended) A shaped charge An apparatus for use in a wellbore extending through a subterranean formation, the apparatus comprising:

a casing;

a perforating tool having a plurality of casings, each casing having a shaped charge; an explosive material disposed within the each casing having a cavity formed therein; and a liner disposed within the each cavity formed of heavy metal powder, coated with a binder metal, formed into a rigid body, the explosive material, upon detonation, operable to disintegrate the liner and propel the liner into the formation, perforating the formation.

Claim 12. (Previously Presented) A shaped charge according to claim 11 wherein the heavy metal powder is chosen from the group consisting of tungsten, tantalum, platinum, gold, or any mixture thereof.

Claim 13. (Previously Presented) A shaped charge according to claim 11 wherein the heavy metal comprises tungsten.

Claim 14. (Previously Presented) A shaped charge according to claim 11 wherein the binder metal is chosen from the group consisting of copper, tin, zinc, lead, bismuth or any mixture thereof.

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Claim 15. (Previously Presented) A shaped charge according to claim 11 wherein the percentage of heavy metal in the heavy metal powder is within a range of approximately 91.0% to 99.98% by weight.

Claim 16. (Previously Presented) A shaped charge according to claim 11 wherein the percentage of heavy metal in the heavy metal liner is approximately 93.0%.

Claim 17. (Previously Presented) A shaped charge according to claim 11 wherein the percentage of heavy metal is within a range of approximately 99.0% to 99.98% by weight.

Claim 18. (Previously Presented) A shaped charge according to claim 11 wherein the heavy metal powder, coated with binder metal, is mixed with approximately 0.02% -1.0% lubricant by weight.

A shaped charge according to claim 18 wherein Claim 19. (Previously Presented) the lubricant comprises powdered graphite.

Claim 20. (Previously Presented) A shaped charge according to claim 18 wherein the lubricant comprises oil.

Claim 21. (Currently Amended) A shaped charge An apparatus for use in a wellbore extending through a subterranean formation, the apparatus comprising:

## a casing;

an explosive material disposed within the each casing having a cavity formed therein; and a liner disposed within the each cavity formed of a mixture of powdered heavy metal, powdered metal binder, and a heavy metal powder coated with a binder metal formed into a rigid body, the explosive material, upon detonation, operable to disintegrate the liner and propel the liner into the formation, perforating the formation.

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Claim 22. (Previously Presented) A shaped charge according to claim 21 wherein the rigid body is substantially conical.

Claim 23. (Canceled)

Claim 24. (Canceled)

Claim 25. (Previously Presented) A shaped charge according to claim 21 wherein the percentage of heavy metal in the mixture is within a range of approximately 90.0% to 99.98% by weight.

Claim 26. (Previously Presented) A shaped charge according to claim 21 wherein the percentage of heavy metal in the mixture is approximately 93.0%.

Claim 27. (Previously Presented) A shaped charge according to claim 21 wherein the heavy metal powder is chosen from the group consisting of tungsten, tantalum, gold, platinum, or any mixture thereof.

Claim 28. (Previously Presented) A shaped charge according to claim 21 wherein the heavy metal consists primarily of tungsten.

Claim 29. (Previously Presented) A shaped charge according to claim 21 wherein the percentage of heavy metal in the mixture is within a range of approximately 99.0% to 99.98% by weight.

Claim 30. (Previously Presented) A shaped charge according to claim 21 wherein the binder metal is chosen from the group consisting of copper, lead, zinc, tin, and bismuth.

Claim 31. (Previously Presented) A shaped charge according to claim 21 wherein the binder metal consists primarily of lead.

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Claim 32. (Previously Presented) A shaped charge according to claim 21 wherein the mixture further comprises approximately 0.02% to 1.0% lubricant by weight.

Claim 33. (Previously Presented) A shaped charge according to claim 21 wherein the lubricant comprises powdered graphite.

Claim 34. (Previously Presented) A shaped charge according to claim 21 wherein the lubricant comprises oil.

Claim 35. (Previously Presented) A shaped charge according to claim 21 wherein the liner is compressively formed.

Claim 36. (Previously Presented) A shaped charge according to claim 1 wherein the liner is compressively formed.

Claim 37. (Previously Presented) A shaped charge according to claim 11 wherein the liner is compressively formed.